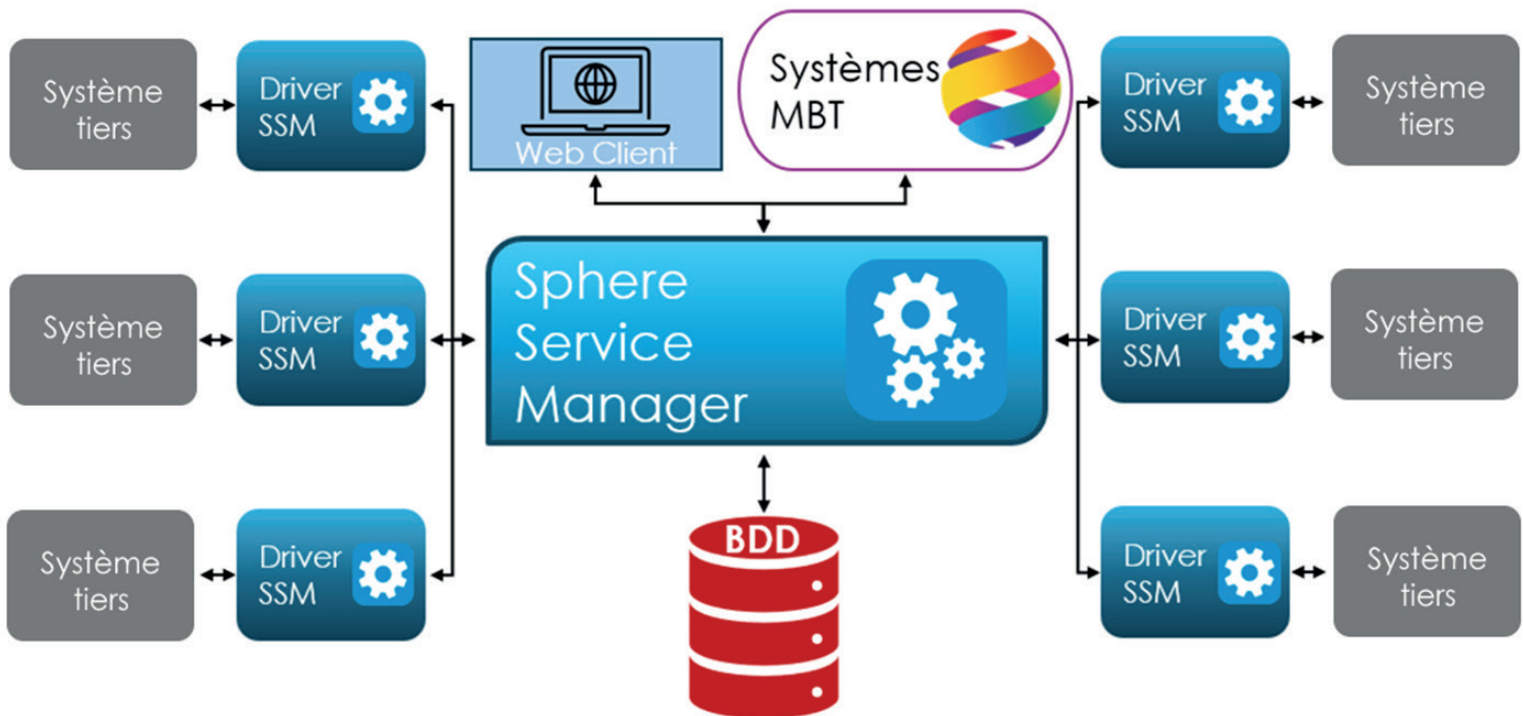


SPHERE SERVICE MANAGER

Media's distribution has become a major stake for broadcasters. Intern distribution towards partners or replay and VOD platforms: MBT conceived a unique dedicated solution to create and manage automatic or semi-automatic distribution workflows (from the simplest to the most complex ones without any difficulty).

Sphere Service Manager (SSM) is a powerful workflow engine fully thought for audiovisual treatments and media's distribution automation. It offers an unmatched versatility and efficiency thanks to its innovative web client and its intuitive workflows editor.



KEY FEATURES :

- Real time workflows supervision and management thanks to a web client
- Easy on demand workflow creation
- Modular system compatible with any external third-party infrastructure
- Detailed statistic tools
- Intelligent optimization resource management

MODULAR ARCHITECTURE

Sphere Service Manager (SSM) relies on a star architecture with a central server central (**SSM Server**) which drives the whole operations. The told central sever, helped by a dedicated database, orchestrates, and optimizes workflows execution according to their priority order and to the resources and third-party systems availability. This organization guarantees an efficient and smooth processus management and assures an optimum realization of you whole scheduled tasks.

The **SSM** is kitted out by an at least fifty driver library which allows to stay compatible with the latest technical innovations and to regularly adapt its infrastructure. Those drivers are essential to its working. Some of them are responsible of the external equipment driving whereas others directly execute tasks or exchange with some other MBT applications. This diversity of features assures an increased versatility and adaptability which makes the **SSM** particularly polyvalent and effective

Working along with the **SSM Server**, the **Workflow Factory** allows to set distinct types of triggers up, whether they are manual by using the **SSM** web or **Sphere MAM** clients or automatic by preparing watchfolders or by database updates.

The dedicated database guarantees an accurate workflow following up. It eases up the establishment of a detailed statistic base and allows a deep analysis of performances.

ON DEMAND WORKFLOW CONCEPTION

Sphere Service Manager allows you to easily create and modify your workflows by adapting them to your specific needs. Our solution will answer to all your demands whether it is a simple approval process, a complex multiple steps workflow or a combination of both. Customize your notifications, define your escalation rules, and make your repetitious tasks automatic without any effort to free yourself a precious time.

The presets editor offers a matchless flexibility thanks to its customizable details and actions lists. It allows to define precise conditions for each step whether it needs or not quality controls. Transcoding, FTP transfers management, metadata edition: control to the last-minute details your delivery process automation. The possibility to save, delete or create new presets simplifies your workflows management allowing you to focus on the essential: performance and quality of your operations.

COMPLETE AND INTUITIVE WEB CLIENT

Sphere Service Manager proposes a complete and intuitive web client answering to the administrators needs. Stay connected and administrate your workflows effortlessly whether you are at your office, away from it or teleworking. Everything is directly accessible: detailed overseeing or management, jobs manual creation, different driver status, statistics.

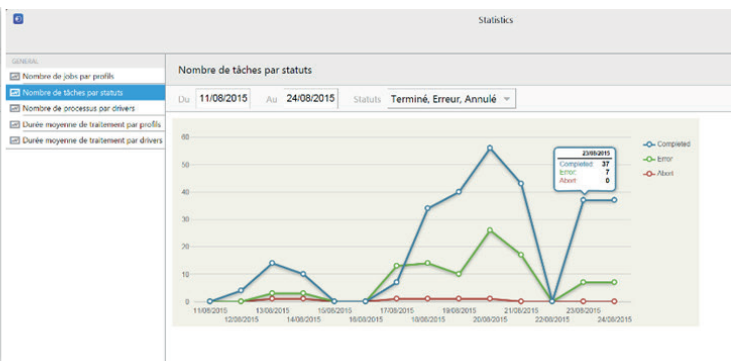
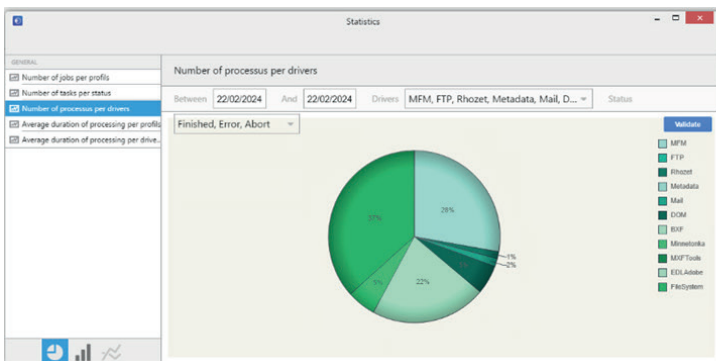
WORFLOWS ADMINISTRATION AND SUPERVISION

The web client offers a simplified interface to access to the **SSM** global supervision. It allows you to manage priorities, to follow, in real time, the workflows progress and to make actions such as cancel, restart, or delete tasks and workflows. Furthermore, you will be able to precisely oversee the drivers state, running, in an error state or finished tasks.

STATUS	ID Identifier	ID Support	Creation	Date Of End	Diffusion	Status	Progression	Description
In Progress	JOB_21892014854	226816838R	20/09/2023 14:06	20/09/2023 14:06	Successful	100%	WF-IMPORT-NL-BXF-WFS	
Completed	JOB_21892014856	226818828R	20/09/2023 14:06	20/09/2023 14:06	Successful	100%	WF-IMPORT-NL-BXF-WFS	
Error	JOB_21892014137	226822638R	20/09/2023 14:13	20/09/2023 14:13	In Error	12%	WF-IMPORT-NL-BXF-WFS	
	JOB_21892014139	226826828R	20/09/2023 14:13	20/09/2023 14:13	In Error	12%	WF-IMPORT-NL-BXF-WFS	
	JOB_21892014131	226824838R	20/09/2023 14:13	20/09/2023 14:13	In Error	12%	WF-IMPORT-NL-BXF-WFS	
WORKFLOW	WF-EXPORT-ABGROUP							
	WF-EXPORT-EE	Minnetonka task	20/09/2023 14:13	20/09/2023 14:20	In Error	100%	1.Comparison between 5.1 and stereo audio tracks	
	WF-EXPORT-EE-GENERTITLE	Update Audio Tracks MSM	00:00	00:00	Waiting	0%	2.Update Audio Tracks MSM (AverageAudioCorrelation Metadata or Remove 5.1 audio track)	
	WF-EXPORT-EMM-AUDIO	WFS HR Transcoding task	00:00	00:00	Waiting	0%	3.WFS Transcode with OmniV2 Template	
	WF-EXPORT-NL-MAM	Transfer Lower task	00:00	00:00	Waiting	0%	4.MOF transferred to Ip-isi-ec-prod on share CHARLOTTE-IN by MEM MAM	
	WF-EXPORT-NL-SPOTS2ME	Transfer to OMF task	00:00	00:00	Waiting	0%	5.MOF transferred to OMF by MEM MAM	
	WF-EXPORT-NL-LDWARFS	Move MOF to Done Share task	00:00	00:00	Waiting	0%	6.Move MOF to Ip-isi-ec-prod on share rl_nflts_broadcast/video_with_jideca/done/	
	WF-EXPORT-PROMOTIV	Move BDF to Done Share task	00:00	00:00	Waiting	0%	7.Move BDF to Ip-isi-ec-prod on share rl_nflts_broadcast/video_with_jideca/done/	
	WF-EXPORT-CHAMBERTV	Delete Transcoded MOF	00:00	00:00	Waiting	0%	8.Delete Transcoded MOF on share rl_nflts_broadcast/video_with_jideca/transcoded/	
	WF-EXPORT-CHAMBERTV	Notif Minnetonka task error	20/09/2023 14:20	20/09/2023 14:20	Finished	100%	Minnetonka task error notification	
	WF-EXPORT-FEDCOM	Notif Update Audio Tracks ...	00:00	00:00	Waiting	0%	Update Audio Tracks MSM error notification	
	WF-EXPORT-FEI	Notif WFS HR Transcoding G...	00:00	00:00	Waiting	0%	WFS HR Transcoding error notification	
	WF-EXPORT-LEQUE	Notif Transfer Lower error	00:00	00:00	Waiting	0%	Transfer error notification	
	WF-EXPORT-LUJCI	Notif Transfer OMF error	00:00	00:00	Waiting	0%	Transfer error notification	
	WF-EXPORT-LUJCI	Notif Move MOF to Done Sh...	00:00	00:00	Waiting	0%	Move MOF to Done Share error notification	
	WF-IMPORT-ALTIJCE	Notif Move BDF to Done Sh...	00:00	00:00	Waiting	0%	Move BDF to Done Share error notification	
	WF-IMPORT-AUDIODI2TO34	Notif Delete Transcoded M...	00:00	00:00	Waiting	0%	Delete Transcoded MOF on Transcoded Share error notification	
	WF-IMPORT-EE	WFS HR MAM38 transcoding	20/09/2023 14:20	20/09/2023 14:20	Successful	100%	12.WFS Transcode with MAM38 or XDCAM-MD Template	
	WF-IMPORT-EE	Creation of BDF file	00:00	00:00	Waiting	0%	13.Creation of BDF traffic noof for spots2me on share (Ip-isi-ec-prod/broadcast/broadca...	
	WF-IMPORT-CHAMBERTV	Notif Creation of BDF	00:00	00:00	Waiting	0%	Notif Creation of BDF	
	WF-IMPORT-DUPLICATE							
	WF-IMPORT-LUJCI	JOB_21892014821	226828828R	20/09/2023 14:18	Successful	12%	WF-IMPORT-NL-BXF-WFS	
	WF-IMPORT-NL-WFS	JOB_21892014124	226819828R	20/09/2023 14:21	Successful	12%	WF-IMPORT-NL-BXF-WFS	

SSM STATISTICS

The **SSM Statistics** tool, using the SSM database, offers a detailed and chronological analysis of the workflows execution. It allows to make a complete and reliable evaluation of the system and the drivers global functioning thanks to its numerous parameters and to its various views (histograms, graphs, diagrams, charts).



MAKE YOUR DATA FLOW